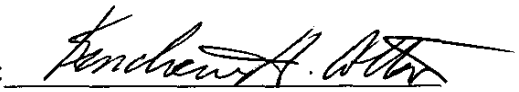
REMARKS

The First Amendment incorporates the application lineage per 35 U.S.C. § 120 and makes editorial corrections to claims 10 and 21 to place them in more conventional U.S. claim format.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By: 

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APPENDIX

Amendments to the existing claims:

10. (Amended) A production method of a plastic optical fiber, comprising the step of annealing a plastic optical fiber obtained by heat-drawing an undrawn fiber obtained by melt spinning, at a circumferential velocity ratio between the front and rear rollers (circumferential velocity of a rear roller / circumferential velocity of a front roller) of 0.5 to 1.2 under heating conditions which satisfy $4 \leq y \leq -1.5x + 330$ and $(Tgc - 5)°C \leq x \leq (Tgc + 110)°C$, wherein ~~[~~Tgc: represents a glass transition temperature of a core, x: represents an annealing temperature (°C), and y: represents an annealing time (seconds)~~]~~.

21. (Amended) A production method of a plastic optical fiber, comprising the step of annealing a plastic optical fiber obtained by heat-drawing an undrawn fiber obtained by melt spinning, at a circumferential velocity ratio between (circumferential velocity of a rear roller / circumferential velocity of a front roller) between the front and rear rollers of 0.5 to 1.2 under heat conditions which satisfy $4 \leq y \leq -1.5x + 330$ and $(Tgc - 5)°C \leq x \leq (Tgc + 110)°C$, wherein ~~[~~Tgc: represents a glass transition temperature of a core, x: represents an annealing temperature (°C), and y: represents an annealing time (seconds)~~]~~, while a tension of 0.35×10^6 to 1.5×10^6 Pa is applied to the fiber.